

WHAT IS CLAIMED IS:

Sub B1
5 1. In a contents structure for analyzing information on features of respective contents and arranging the contents in order for a user to easily access the contents, a circular index structure comprising:

a virtual contents index arranged in a circular method for the user's easy access after the contents are classified according to categories; and

physical contents dependent on a bottom index of the virtual contents index, and moving to corresponding contents according to the user's selection of the contents.

10 2. The structure of claim 1, wherein the contents indexes are classified into predetermined categories according to information extracted by the user's searching process on a keyword method, and the contents item that best exemplifies the features of a category is set as a representative contents index and is arranged in a circular method, and representative contents indexes form
15 top contents indexes, and the virtual contents index is connected to at least one top contents index, and the contents that have the representative features found through a comparison analysis of category representative features, first comparison features (features common to counterclockwise-adjacent contents) and second comparison features (features common to clockwise-adjacent
20 contents) according to the category features are connected to a higher level index, and indexes of remaining virtual contents are located between the representative contents indexes according to weighting values.

3. The structure of claim 1, wherein the categories are provided on the

indexes according to statistical data by types, keywords, viewing patterns and databases analyzed by the contents and reference data.

4. The structure of claim 1, wherein movements between the contents are directed from a top contents index to the bottom contents index or from the bottom contents index to the top contents index according to the user's manipulations.

5. The structure of claim 1, wherein movements between top contents are directed in a clockwise or counterclockwise direction between the respective contents indexes in a circle according to the user's manipulations.

6. The structure of claim 1, wherein movements between the bottom contents are directed in a clockwise or counterclockwise direction between the respective contents indexes in a circle according to the user's manipulations.

7. The structure of claim 1, wherein when a present level of the contents is moved to a higher or a lower level according to the user's manipulation, top and bottom index relationships of the present level are reestablished after the movement.

8. In a contents display system for receiving a plurality of contents from media such as a digital television, a cable television broadcast and network contents, analyzing information on the contents, storing the contents in a memory as a database, and outputting the stored contents according to a user's access, a contents display system comprising:

a memory;

a contents features analyzer for analyzing features of at least one

contents unit provided from the outside, and storing information on the analyzed features and information on physical contents for moving to corresponding contents in the memory; and

5 a contents selector for extracting the contents corresponding to the information on the physical contents using the feature information stored in the memory according to the user's request, for switching the contents and outputting the contents.

9. The system of claim 8, wherein the feature information comprises:

10 at least one top contents index which is set as representative contents information and that best exemplifies the features of the category among at least one kind of contents information classified according to predetermined categories, and is arranged in a circular manner in order for a user to easily access it; and

15 at least one bottom contents index which is the remaining general virtual contents, compared and analyzed by category representative features, first comparison features (features common to counterclockwise-adjacent contents) and second comparison features (features common to clockwise-adjacent contents) according to the features of the categories among at least one kind of contents information classified according to the categories, and
20 which is adjacently located between the respective representative contents indexes according to an order of weighting values, and is dependent on the top contents index.

10. The system of claim 9, wherein the category includes types,

keywords, viewing patterns and database references extracted from the contents information.

11. The system of claim 9, wherein movements between the contents are directed from the top contents index to the bottom contents index or from the bottom contents index to the top contents index according to the user's manipulations.

12. The system of claim 9, wherein movements between the top contents are directed in the clockwise or counterclockwise direction between the top contents indexes according to the user's manipulations.

13. The system of claim 9, wherein movements between the bottom contents are directed in the clockwise or counterclockwise direction between the bottom contents indexes according to the user's manipulations.

14. The system of claim 9, wherein when the user moves to another level connected to the top and bottom contents indexes, the top and bottom contents relationships are changed.

15. The system of claim 9, wherein the contents selector comprises:

a top contents selector for controlling the display of the corresponding contents using the physical contents information when the top contents index stored in the memory is selected according to the user's manipulations; and

a bottom contents selector for controlling the display of the corresponding contents using the physical contents information when the bottom contents index stored in the memory is selected according to the user's manipulations.

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